"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh.M.

Distribution of Foraminifera in bottom sediments of the Sea of Okhotsk. Trudy Inst.okean. 32:96-157 '60. (MIRA 13:6)

(Okhotsk, Sea of--Foraminifera)

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SOV/5331

PHASE I BOOK EXPLOITATION

International Geological Congress. 21st, Copenhagen, 1960.

Morskaya geologiya (Marine Geology) Moscow, Izd-vo AN SSSR, 1960. 205 p. 2,500 copies printed. (Series: Doklady sovetskikh geologov, problema 10)

Editorial Board: P. L. Bezrukov, Resp. Ed.; A. V. Zhivago, V. P. Zenkovich and O. B. Udintsev; Ed. of Publishing House: V. S. Sheynman; Tech. Ed.: V. V. Karpov.

PURPOSE: This book is intended for geologists and oceanographers.

COVERAGE: The book contains 18 articles representing the reports given by Soviet geologists at the 21st International Geological Congress. Individual articles deal with the bottom topography, sedimentation, and tectonics of oceans (Western Pacific and Southern Indian), as well as the geomorphology and tectonics of the Black and Caspian Seas and Soviet sectors of the Baltic. An English résumé accompanies each article. No personalities

Suvorov, N. N., I. Ya. Mikhal'tsev, O. B. Udintsev, V. D. Andreyeva, A. I. Nepreshnyy, and Yu. I. Neprochnov. Results of Seismic-Acoustic Investigations of the Earth's Crust Under Seas and Oceans 35

Seidova, Kh. M. Stratigraphy of Sediments and the Paleogeography of the Northwestern Pacific and the Far Eastern Seas of the USSR According to Sea-Bottom Foraminifers 59

Lisitsyn, A. P. Formation of Sediments in the Southern Pacific and Indian Oceans 69

Lapina, N. N., and N. A. Belov. Bottom Sedimentation Conditions in the Arctic Ocean 88

Gorshkov, V. P., and Yu. P. Neprochnov. Bottom Geomorphology and Tectonic Problems of the Black Sea 94

Solov'yev, V. P., L. S. Kulakova, and G. V. Akopova. Relief and Recent Floor Structure of the Southern Caspian Sea 105

Gershanovich, D. Ye. Recent Shelf Deposits in the Marginal Seas of Northeast Asia 116

Klenova, M. V. The Geology of the Barents Sea 123

Gorshkova, T. I. Sediments in the Norwegian Sea 132

Tsareva, N. V. Study of the Diagenesis of Some Marine Sediments 140

Zenkovich, V. P., O. K. Leont'yev, and Ye. M. Nevesskiy. The Influence of the Eustatic Post-diluvial Transgression on the Development of the Coastal Zone of Soviet Seas 154

Aybulatov, N. A., V. L. Dolgrev, and V. P. Zenkovich. Some New Data on Sediment Streams Along Shores 164

Budanov, V. I., A. S. Ionin, P. A. Kaplin, and V. S. Medvedev. Recent Vertical Movements of Seashores in the Soviet Union 175

Leont'yev, O. K. Types and Formation of Lagoons on Recent Seashores 188

Card 2/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Khadyzhat Magommetovna; PETELIN, V.P., otv. red.; KOTLYAREVSKAYA, P.S., red. izd-va; KASHINA, P.S., tekhn. red.; POLYAKOVA, T.V., tekhn. red.

[Foraminiferal ecology and paleogeography of seas of the Soviet Far East and the northwestern part of the Pacific] Ekologiia foraminifer i paleogeografiia dal'nevostochnykh morei SSSR i severo-zapadnoi chasti Tikhogo okeana. Moskva, Izd-vo Akad.nauk SSSR, 1961. 231 p. illus. (MIRA 15:2)

(Far East—Foraminifera) (Far East—Paleogeography)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh.M.

Quantitative distribution of benthic foraminifers in Antarctica. Dokl. AN SSSR 139 no.4:967-969 Ag '61. (MIRA 14:7)

1. Institut okeanologii AN SSSR. Predstavleno akademikom N.M. Strakhovym.

(Antarctic regions--Foraminifera)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh.M.; LISITSYN, A.P.

Stratigraphy of sediments and paleogeography of the Bering Sea in the Quaternary period. Dokl. AN SSSR 139 no.5:1221-1224 Ag '61. (MIRA 14:8)

1. Institut okeanologii AN SSSR.
(Bering Sea--Sediments (Geology)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh. M.

Papers submitted for the 10th Pacific Science Congress, Honolulu, Hawaii 21 Aug - 6 Sep 1961.

MAGDEYEV, M. S., Institute of Geology - "Mesozoic depressions and troughs of east Asiatic type and their position in the systematics of tectonic forms" (Section VII.C)

MELEKO, B.A., Moscow State University, Physical Faculty - "The gamma-ray spectrometric measurements of artificial radioactivity in upper layers of the ocean" (Section VII.B.6)

MERKUSHOV, V. G., Chair of Forestry, The Agricultural Academy imeni K. A. Timiryazev - "Forest fire research and methods of fire control" (Section V.B)

MIKHAYLOVA, T. A., Institute of Oceanology - "Biogeographical and morphological analysis of reproduction and development of flatfish in the seas of the northwest Pacific" (Section III.C)

MOSKVIN, R. V., Institute of Oceanology - "Investigation of the horizontal turbulent exchange in the Pacific Ocean" (Section VII.B) "Regularities in the geographical distribution of flying fishes in the Pacific Ocean" (Section VII.C)

NAZIN, N. V., Institute of Geology - "Stratigraphic horizons in the distribution of flying fishes in the Pacific Ocean" (Section VII.C)

PERFILIYEV, M. A., Institute of Geology - "Stratigraphic horizons in the cretaceous deposits of Kamchatka" (Section VII.C)

PETRICHI, I. P., Institute of Oceanology - "The processes of recent sedimentation in the western part of the equatorial zone in the Pacific" (Section VII.C.1)

PETRUSHEVSKIY, B.A., Institute of Earth Physics imeni O. Yu. Schmidt - "The seismic geological conditions in the northwestern outlying area of the Pacific basin" (Section VII.C.2) - "Euphausiidae in the

PIVOVAROVA, L. A., Institute of Oceanology (Section III.C) "Problem of the Bering land northern part of the Pacific" (Section III.A.8.a)

POPOVA, I. A., Institute of Zoology - "On the ecological point of view" (Section III.A.8.a) "Some specific features

POSTNIKOV, N. M., Institute of Geology - "A new deep-sea in the Pacific Ocean from the ecological point of view" (Section VII.C)

PYATKIN, V. P., Moscow State University, Physical Faculty - "A new deep-sea in the Pacific Ocean from the ecological point of view" (Section VII.C)

RADCHENKO, V. A., Institute of Geology - "On the stability and inertness of structural elements in the frame of the Pacific Ocean depression" (Section VII.C)

RASS, T. S., - "Geographical regularities in regard reproduction and Oceanography of mass fishes in the northern part of the Pacific" (Section III.C)

REMIZOV, L. N., Institute of Oceanology - "Organic substance in bottom sediments in the western part of the Pacific" (Section VII.C.1)

RIDER, Ye. I., Institute of Earth Physics imeni O. Yu. Schmidt - "Relations between deep focus earthquakes in the western margin of Asia and large structures of the earth's crust" (Section VII.C.2) - "The structure of natural sounds in water" (Section VI.C)

RYAZHITSKIY, A.N., Moscow State University, Physical Faculty, Chair of Hard Crust - "The correlative method for studying microseisms" (Section VII.C.2)

SAIDOVA, Kh. M., Institute of Oceanology - "The distribution of bottom foraminifera in the northern part of the Pacific and its use for the reshaping of the paleorelief" (Section VII.C.1)

SAMOYLENKO, V. S., Institute of Oceanology - "Problems concerned with the theory of formation of the temperature regime in seas and oceans" (Section VII.A)

SMITH, G. I., Institute of Oceanology - "Biogeographical zonation of the Pacific Ocean in regard to phytoplankton" (Section III.A) "Pliocene Foraminifera of Kamchatka" (Section VII.C)

SOKOLOVA, M. Yu., Institute of Geology - "Paleogene Foraminifera of Kamchatka" (Section VII.C)

SAVILOV, A. I., Institute of Oceanology - "Waterfalls and Rapids in the Pacific" (Section VII.C) Physics Instt O. Yu. Schmidt -

STEPANOV, M. N., Institute of Oceanology (?) - "Physical Mechanisms of ocean-engine (?) (Section VII.C.2)

STOROZHUK, A. A., The Central Organization of Lenkgorod - "The main problems of human illness geography and their significance for prophylactic medicine" (Section VII.B.6) Physics Instt O. Yu. Schmidt -

SUKHOVEY, P. A., Institute of Permafrost Studies - "Glaciology of Antarctica" (Section VII.D.1)

SYDOROV, I. I., Institute of Oceanology - "Methods for measuring deep currents in the ocean and some results of their application in the Pacific Ocean" (Section VII.B.5)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh.M.

Quantitative distribution of bottom foraminifers in the northeastern part of the Pacific Ocean. Trudy Inst.okean. 45:65-71 '61.
(MIRA 15:2)

(Pacific Ocean--Foraminifera)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh.M.

Distribution of main benthonic species of calcareous Foraminifera in the northwestern part of the Pacific Ocean. Vop. mikropaleont. no.6:31-63 '62. (MIRA 15:11)
(Pacific Ocean—Foraminivera, Fossil)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh. M.

Zonal quantitative distribution of bottom foraminifers in the Pacific Ocean. Vop. mikropaleont. no.7:196-208 '63.
(MIRA 17:10)

1. Institut okeanologii AN SSSR.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh.M.

Distribution of bottom foraminifers and the stratigraphy of sediments in the northeastern part of the Pacific Ocean. Trudy Inst. okean. 68:84-119 '64. (MIRA 17:6)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh.M.

Distribution of benthonic Foraminifera in the Pacific Ocean. (MIRA 18:4)
Okeanologiia 5 no.1:99-110 '65.

1. Institut okeanologii AN SSSR.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

BELYAYEVA, N.V.; SAIDOVA, Kh.M.

Correlation of benthonic and planktonic Foraminifera in the surface layer of the sediments of the Pacific Ocean. Okeanologiia 5 no.6:1010-1014 '65. (MIRA 19:1)

1. Institut okeanologii AN SSSR.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, Kh. M.

"Quaternary depth changes in Bering Sea according to benthonic foraminifers."

report submitted for the 7th Intl Cong, Intl Assoc for Quaternary Research, Boulder & Denver, Colorado, 30 Aug-5 Sep 65.

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L 08084-67 EWT(1) GW

ACC NR: AP7001679 SOURCE CODE: UR/0213/66/006/001/0144/0147

AUTHOR: Saidova, Kh. M.

ORG: Institute of Oceanology, AN SSSR (Institut okeanologii AN SSSR)

TITLE: Propagation of species of benthos agglutinating foraminifera in the Pacific Ocean

SOURCE: Okeanologiya, v. 6, no. 1, 1966, 144-147

TOPIC TAGS: oceanography, oceanographic ship, primitive plant / Vityaz' oceanographic ship, Ob' oceanographic ship

ABSTRACT: A study of the distribution of agglutinating foraminifera in the Pacific Ocean was made using data collected on the Soviet research vessels "Vityaz'" and "Ob'" and data from the foreign literature. There are a great number of species of agglutinating foraminifera in the Pacific — 420 species (13 families and 104 genuses). The author discussed the distribution of genuses in an earlier study (Okeanologiya, 5, No. 1, 1965) and therefore only the species distribution is considered in this article. Fig. 1, discussed in detail in the text, very graphically illustrates the distribution of species by depth. Fig. 2 shows the change of the number of species with depth. Fig. 3 shows the variation of the number of species as a function of latitude. Fig. 4 shows the

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L 08084-67

ACC NR: AP7001679

latitudinal distribution and percentage ratio of deep- and shallow-water agglutinating formaminifera in the Pacific Ocean. The northern part of the Pacific Ocean has a somewhat greater number of species than the southern part (292 versus 224). Study of the vertical and horizontal distribution of species revealed there were two types of agglutinating foraminifera: shallow-water, warmth-loving fauna, inhabiting the tropical zone at depths less than 500 m, and deep-water and cold-water fauna living at depths greater than 2,000-3,000 m. Orig. art. has: 4 figures. [JPRS: 38,230]

SUB CODE: 08, 06 / SUBM DATE: 18Jun64 / ORIG REF: 002 / OTH REF: 007

Card 2/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, M., MUDr., PhMr.

Fulfillment of the plan for construction of medical institutions.
Cesk. zdravot. 4 no.10:618-621 Oct 56.

1. Reditelka OUNZ--Kolin.
(HOSPITALS,
construction in Czech. (Ch))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDOVA, M. MUDr. PHMR., reditelka OUNZ v Kolinc; HLAVKA, V., MUDr.

Anmual report and work organization at a health center. Cesk. zdravot. 7 no.7:386-389 Aug 59.

1. Vedouci zdravotnickeho useku odvetvoveho odboru rady ONV Kolin. Zastupce reditele OUNZ pro prev. lec. peci.
(PUBLIC HEALTH ADMINISTRATION)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

IBRAGIMOV, A.M.; SAIDOVA, N.A.

Investigating some characteristics of wind and wave conditions in the region of Neftyannyye Kamni and calculating wave elements by the wind. Za tekh.prog. 3 no.8:36-37, 44 Ag '63. (MIRA 17:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut "Giprpomorneft'".

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SAIDRASULOV, S.S.

Localization of glycogen in the fibers of an intact myocardium and following experimental traumatization of the heart. Dokl. AN SSSR 145 no.5:1151-1153 '62. (MIRA 15:8)

1. Institut serdechno-sosudistov khirurgii AMN SSSR. Predstavleno akademikom N.N.Anichkovym.
(GLYCOGEN) (HEART--MUSCLE)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDRASULOV, S.S.

Effect of a complex containing nucleic acids and vitamins on the reparative regeneration of stab-cut penetrating wounds of the myocardium. Izv. AN SSSR Ser. biol. 28. no.1: 99-104 Ja-F'63. (MIRA 16:8)

1. Institute of Cardiovascular Surgery, Academy of Medical Sciences of the U.S.S.R., Moscow.
(HEART—WOUNDS AND INJURIES) (NUCLEIC ACIDS)
(VITAMINS)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIDRASULOV, S.S.

Histochemical determination of protein in the microstructures of an intact myocardium before and after experimental heart trauma. Dokl. AN SSSR 150 no.4:938-941 Je '63.
(MIRA 16:6)

1. Institut serdechno-sosudistoy khirurgii AMN SSSR. Predstavleno akademikom N.N. Anichkovym.
(PROTEINS IN THE BODY) (HEART--MUSCLE)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SADYKHOV, A.G., starshiy nauchnyy sotrudnik; SAIDYAN, M.N., nauchnyy sotrudnik

Our experience in the use of arteriography in bone tumors. Azerb. med. zhur. 40 no.12:34-41 D '63.

(MIRA 17:10)

1. Iz kliniki ortopedii (zav. - kand. med. nauk A.G. Sadykhov) Bakinskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SADYKHOV, A.G.; SAIDYAN, M.N.

Experience in using arteriography in bone tumors. Khirurgiia 41 no.4:99-103 Ap '65. (MIRA 18:5)

1. Klinika ortopedii (zav. - kand. med. nauk A.G. Sadykhov) Bakinskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

Sai-Halasz, A.

FODOR, T.; NEMETH, J.; SAI-HALASZ, A.

Eight years experience with typhoid vaccine therapy of neurosyphilis. Orv. Hetil. 93 no. 26:758-760 29 June 1952. (CIML 23:3)

1. Doctors. 2. Neurological Department (Head Physician -- Prof. Dr. Tibor Lehoczky), Istvan Hospital.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

387. SAI-HALASZ A. and FENYES G. Neurol. Abt., Stephan-Spit. und neurochir. Klin., Budapest. Erfolgreich operiertes spinocraniales Meningeom *Successful removal of a spinocranial meningioma* Acta neurochir. (Wien) 1955, 4/2 (171–177) Illus. 3

An endotheliomatous meningioma arising from the posterior border of the foramen magnum, extended into the cisterna magna with severe displacement of the left cerebellar hemisphere, the lower vermis and the medulla. For some time prior to surgery the clinical picture had been mistaken for disseminated sclerosis. Radical removal led to complete recovery.

Heppner – Graz

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAI-HALASZ, Andras, dr.

Psychotic changes in multiple sclerosis. Ideg. szemle 8 no.3: 87-94 June 55.

1. A Budapesti Istvan korhaz Idegosztalyanak (foorvos: Dr. Lehoczky Tibor) kozlemenye.

(MULTIPLE SCLEROSIS, compl.
ment. disord., incidence (Hun))
(MENTAL DISORDERS, etiol. & pathogen.
multiple sclerosis, incidence (Hun))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAI-HALASZ, Andras, dr.

Hormone studies in anxiety. Ideg. szemle 10 no.2:44-48 May 57.

1. Az Orszagos Ideg-elmegyogyintezet (Igazgato: Gimes Miklosne dr.) kozlemenye.

(ANXIETY
Thorn test & urinary 17-ketosteroid determ. (Hun))
(ADRENAL CORTEX, funct. tests
Thorn test in anxiety (Hun))
(17-KETOSTEROIDS, in urine
in anxiety (Hun))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SZARA, I.; SAI-HAIASZ, A.; BOSZORMENYI, Z.

Dimethyltryptamine as a new pyschotic agent. Acta physiol. hung. 11(Suppl):78-79 1957.

1. Staatliches Institut fur Neurologie und Psychiatrie, Budapest.
(SEROTONIN, antag.
bufotenine, psychol. eff. in normal humans (Ger))

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

BEZUGLYY, V.D.; SALIYCHUK, Ye.K.

Use of the polarographic method for studying the resistance of polymers to the action of solvents. Plast. massy no.8:47-49 '64. (MIRA 17:12)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIKO, A.

They developed large-scale production of bricks with three holes. Sil'.bud. 12 no.6:16-17 Je '62. (MIRA 15:8)

1. Tekhnicheskiy rukovoditel' kirpichnogo zavoda Ivankovskoy mezhkolkhoznoy stroitel'skoy organizatsii Kiyevskoy oblasti.
(Kiev Province--Brickmaking)

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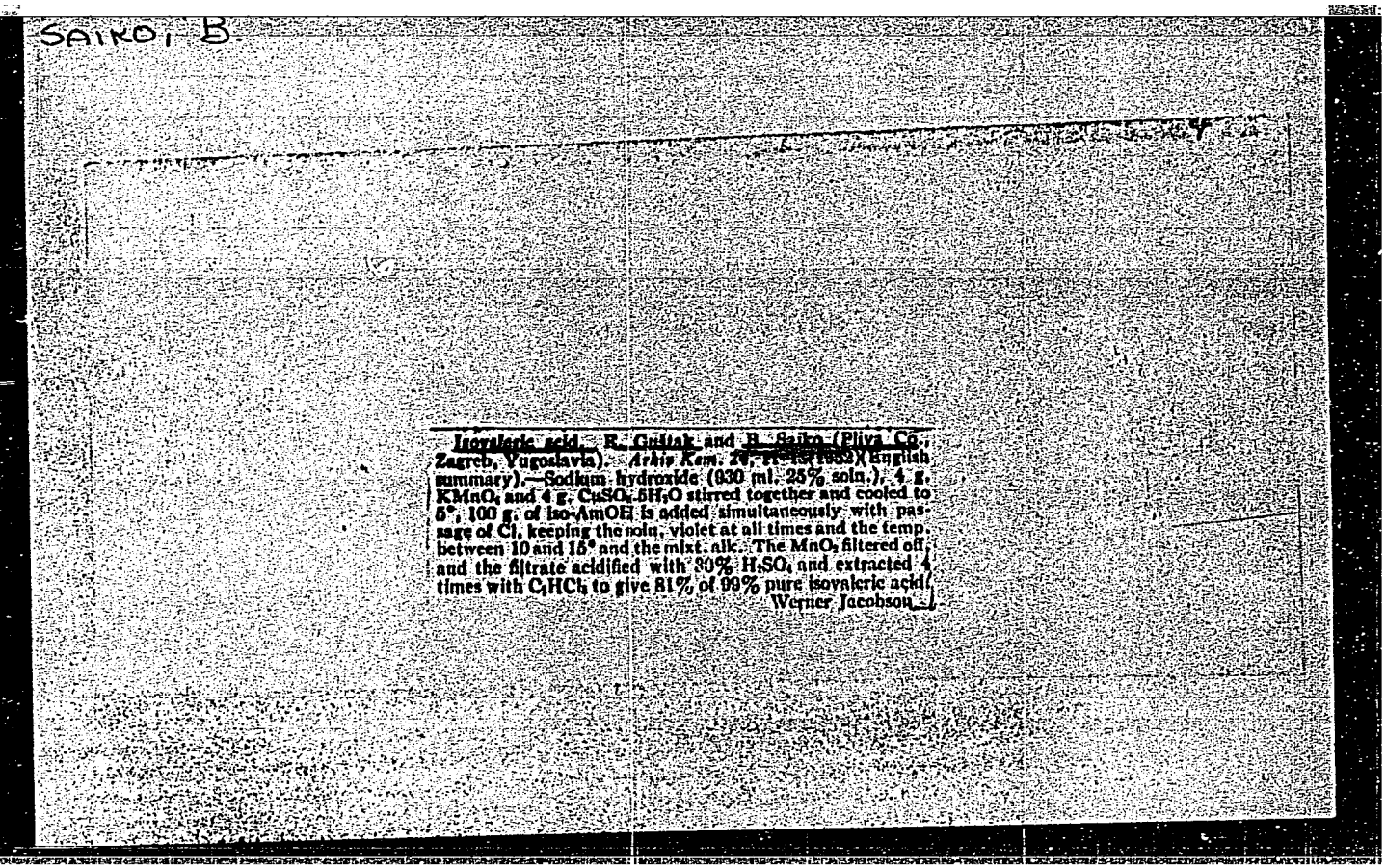

SAIKO, B.

Isovaleric acid. R. Gušlak and B. Saiko (Pliva Co., Zagreb, Yugoslavia). *Arhiv Kem.* 24, 11-14(1952)(English summary).—Sodium hydroxide (930 ml. 25% soln.), 4 g. $KMnO_4$ and 4 g. $CuSO_4 \cdot 5H_2O$ stirred together and cooled to 5°, 100 g. of iso-AmOH is added simultaneously with passage of Cl, keeping the soln. violet at all times and the temp. between 10 and 15° and the mixt. alk. The MnO_2 filtered off, and the filtrate acidified with 30% H_2SO_4 and extracted 4 times with C_6HCl_3 to give 81% of 99% pure isovaleric acid.
Werner Jacobson

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SAIKO, J.

SCIENCE

PERIODICALS: ~~ACTA ZOOLOGICA. Vol. 69, No. 3, May/June 1958~~
IDOJARAS. Vol. 62, No. 3, May/June 1958

Saiko, J. A new Soviet publication. p. 178

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIKO, Janos

Relations between the icnosphere and the troposphere. Idojaras 64 no.4:224-225 Jl-Ag '60. (EEAI 10:2)
(Ionosphere) (Atmosphere)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIKO, Janos

Effects of the solar eclipse of February 15, 1961 on the ionospheric layers. Idojaras 65 no.6:361-362 D '61.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

40704

9.9130

S/169/62/000/008/075/090
E032/E114

AUTHOR: Saikó, János

TITLE: Ionospheric effect of the solar eclipse of February 16, 1961

PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 23, abstract 8 G 173. (Idojaras, v.65, no.6, 1961, 361-362). (Hungarian: summary in English).

TEXT: The results of ionospheric observations at Budapest are described. The maximum phase of the optical eclipse was 95%. The effect of the eclipse was most clearly defined in the E and F1 layers. The figure shows the variation in the critical frequency f_0E (Mc/sec) and in h'E (km) during the eclipse. For comparison the corresponding results for the following day. (February 16) are also given. The time given in the figure is the mean East European time.

[Abstractor's note: Complete translation].

Card 1/2

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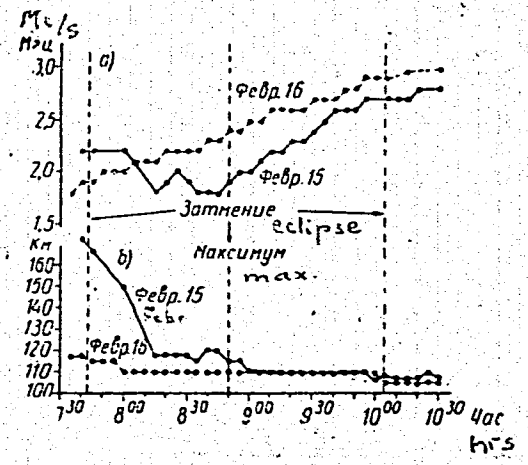
Ionospheric effect of the solar ...

S/169/62/000/008/075/090
E032/E114



Figure

Card 2/2

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIKO, Janos

Ionospheric storms over Budapest and Dixon. Idojaras 66 no.3:177-179 My-Je '62.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIKO, Janos

Ionospheric storms over Budapest in 1957. Orsz meteor int besz tud kut 25:292-297 '61 (publ.'62).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIKO, Janos

Annual variation of ionospheric storms. Orsz meteor int besz tud kut 26:63-68 '62(publ.'63).

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

KOLIHOVA, Eva; VYHNANEK, Lubos; SAILER, Vojtech.

Lateral diverticulum of the hypopharynx. Cesk rentg. 14 no.1: 49-52 F '60.

1. Radiologicka klinika Karlovy university v Praze (prednosta prof. dr. V. Svab) a OUNZ v Podebradech.
(PHARYNX dis.)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

MAMEDALIYEV, Yu.G.; DALIN, M.A.; MAMEDOV, T.I.; SHIKHMAMEDBEKOVA, Z.A.; SAILOV, D.I.

Isomerization of pentenes in the dehydration of isoamyl alcohol on aluminum oxide. Dokl.AN Azerb.SSR 11 no.10:675-682 '55. (MLRA 9:2)

1.Institut khimii AN Azerb. SSR.
(Isomers and isomerization) (Pentene) (Alcohols)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAILOV, D I.

USSR/Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B-9

Abs Jour : Ref Zhur - Khimiya, No 8, 1957, 26248

Author : Yu.G. Mamedaliyev, M.A. Kalin, A.Z. Shikhmamedbekova, D.I. Sailov

Inst : Academy of Sciences of Azerbaijan SSR

Title : Catalytic Dehydrogenation of Isopentenes into Isoprene

Orig Pub : Me'ruzeler Azerb. SSR elmer Akad., Dokl. AN Azerb. SSR, 1956, 12, No 8, 547-552

Abstract : The dehydrogenation of 3-methylbutene-1 (I) and 2-methylbutene-1 (II) with the industrial catalysts of the brands K_{12} and K_{16}, which had been proposed earlier for the dehydrogenation of butenes (RZhKhim, 1956, 50637), was studied at 535 to 640°. It was found that also the dehydrogenation of isopentenes occurred with K_{12} and K_{16}. The yield of isoprene by I reaches 14 to 16% of the raw material treated at 600 to 640° at a volumetric speed of 3.0 to 3.6 lit per lit of the catalyst per hour in case of K_{12}, and the yield by II reaches 15.5 to 18%; in case of K_{18}, the yield of isoprene by I is 22 to 24%, and that by II is 19 to 20% of the treated raw material.

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MAMEDALIYEV, Yu.G.; DALIN, M.A.; SHIKHAMEDBEKOVA, A.Z.; MAMEDOV, T.I.; SAILOV, D.I.

Study of the pentane-pentene fraction of thermal cracking. Dokl.AN Azerb.SSR 12 no.9:623-628 '56. (MLRA 9:10)
(Cracking process) (Pentane) (Pentene)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAYLOV, D. I.

Isomerization of pentenes in dehydration of isoamyl alcohol over aluminum oxide. Yu. G. Mamedaliev, M. A. Dalin, T. L. Mamedov, A. Z. Shikhmamedbekova, and D. I. Saylov. *Doklady Akad. Nauk Azerbaidzhan. S.S.R.* 11, No. 10, 675-82(1955)(in Russian).—Dehydration of com. iso-AmOH over Al_2O_3 at 380° with 3.85 sec. contact time is accompanied by isomerization, yielding 3-methyl-1-butene, a somewhat larger amt. of 2-methyl-2-butene, and a smaller amt. of 2-methyl-1-butene. G. M. K.

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MATEVOSYAN, Ye.M., prof.; SAILOV, D.I., aspirant

Tatria azerbaijanica nov. sp., a new cestode from grebes of the Kyzyl-Agach State Preserve. Trudy VIGIS 10:8-11 '63.
(MIRA 17:9)

1. Azerbaydzhanskiy pedagogicheskiy institut (for Sailov).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

EXCERPTA MEDICA Sec 15 Vol. 11/8 Chest Aug 58

SAIM, A.

1741. TUBERCULOUS MENINGITIS IN CHILDREN. CONTRIBUTIONS TO THERAPY AND PROGNOSIS - Meningita tuberculoasă la copii. Contributii terapeutice şi prognostice - Şaim A., Radovici P., Fierbinteanu M., Frühling M., Gheorghiu N. and Netedu G. - VIATA MED. (Bucureşti) 1957, 4/8 (70-75) Tables 6

Between 1952 and 1955, 170 cases with ages ranging between 0 and 12 yr. were treated. The total number of deaths was 69 (40.5%), the total number of complications 27 (16%) and the total number of cures 101 (60%). Fifty-one (30%) of this series were seen in the course of the first 7 days following the appearance of the meningeal symptoms; 89 (54%) between the 7th and 14th day after the onset of the symptoms and 30 (16%) in the 3rd week after the onset of the disease. Use was made of isoniazid (20 mg. per kg.). Results: in 85 cases with intrathecal treatment there were 14 deaths (11%) and 71 improvements (83.5%). In 30 cases without intrathecal treatment, all were cured. Schachter - Marseilles (L, 7, 8, 15)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIM, A.

EXCERPTA MEDICA Sec 7 Vol.12/6 Pediatrics June 58

1688. CONTRIBUTION TO THE TREATMENT AND PROGNOSIS OF TUBERCULOUS MENINGITIS IN CHILDREN - Contribution à la thérapeutique et au pronostic de la méningite tuberculeuse chez les enfants - Saim A., Radovici P., Fierbinteanu M., Fruhling M., Gheorghiu N., Netedu G. and Scurei E. Hôp. d'Etat no. 9, Bucarest - PRESSE MED. 1957, 65/62 (1403-1404)

170 cases (age up to 12 yr.), treated from 1952 to 1955. Isoniazid (20 mg. per kg.) is more efficient than streptomycin. No intrathecal treatment was given at all. The favourable therapeutic results depend upon an early diagnosis and early start of treatment with isoniazid. Steiner - Detroit, Mich. (L, 7,8,15)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIM, A.; SCOURCI, E.; FIERBINZIANOU-FILIMON, M.; FRULING, M.; NETEDOU, N.S.; RADOVITCH, P.

Is it necessary to use large doses of isoniazid in the treatment of tuberculosis in children? Probl.tub. 38 no.1:56-60 '60. (MIRA 13:10)

(ISONICOTINIC ACID) (TUBERCULOSIS)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIMANIS,A.; VEVERS,A.; EGLE, A., red.; MIRONOVS,A., tekhn. red.

[How to select efficient combinations of tractors and agricultural machinery] Ka izveleties traktoru un lauksaimniecibas masinu racionalu sistemu. Riga, Latvijas Valsts izdevnieciba, 1959. 74 p. (MIRA 14:12)

(Agricultural machinery)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

GINZBURG, G.A.; SAIMANOVA, T.D.

Using numerical analysis in mathematical cartography. Trudy TSNIIGAIK no.153:5-79 '62. (MIRA 17:9)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SANDULESCU, Maria, prof. (Bucuresti); CORNEA, Justin, prof.; SICLOVAN, I., prof.; MANTA, I.; DRAGANESCU, Elena, prof. (Bucuresti); PIRCALABESCU, G. (Bucuresti); VLADESCU, I., (Bucuresti); PORU, I., prof.; DOBRESCU, Clara, prof.; MATEI, Nicolae; SAINER, Jeni; TINICA, Irina

Observations on the geometry manual for grade 6. Gaz mat fiz 15 no.7:372-383 Jl '63.

1. Societatea de Stiinte Matematice si Fizice, Subfiliala Arad (for Cornea, responsabilul colectivului). 2. Societatea de Stiinte Matematice si Fizice, Filiala Petroseni (for Siclovan, Manta). 3. Societatea de Stiinte Matematice si Fizice, Subfiliala Caransebes (for Poru, responsabil). 4. Societatea de Stiinte Matematice si Fizice, Filiala Constanta (for Dobrescu, Matei, Sainer, Tinica).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAINOV, G. [Sainov, H.]; VILENTS, L. [Vilents', L.], inzh.

Motor transport column of the province interfarm construction organization. Sil'.bud. 12 no.6:18-19 Je '62. (MIRA 15:8)

1. Direktor avtobazy L'vovskogo oblastnogo mezhkolkhozstroya (for Sainov).
(Lvov Province--Collective farms--Interfarm cooperation)
(Transportation, Automotive)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAINOVIC, G.

SAINOVIC, G.

An example of using synthetic fibers mixed with wool and rayon.

p. 66 (Tekstilna Industrija) Vol. 5, no. 2, Feb. 1957, Belgrade, Yugoslovia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

Z/036/60/000/001/002/002
A205/A126

18 1220

AUTHORS: Motloch, Zdeněk, and Saip, Jiří, Engineers

TITLE: Vacuum degassing of tin bronzes

PERIODICAL: Slévárenstvi, no. 1, 1960, 33 - 38

TEXT: The author describes the significance of vacuum degassing of Sn bronzes, lists methods and equipment for vacuum degassing and gives results of laboratory tests. Gases, solved in nonferrous alloys are considerably impairing the mechanical quality of the metal. Oxygen is often removed by phosphorus, added in form of a Cu-P prealloy with a content of 10% P (VŽKG combine). However, residual P has a very disadvantageous influence on the mechanical property of the bronze. Degassing is performed either as natural degassing (settling of the melt at lower temperatures, which reduces the solubility of the gases), or as melting in inertial atmosphere (N_2, CO_2) and ventilation of the melt with inertial gas (N_2), or as the so-called oxydizing-reducing process which employs the inverse dependence of H and O solubility in the melt. The most effective degassing method is vacuum melting in electrical induction, eventually arc furnaces, which is so far applied only on a laboratory scale or for special alloys, since it is a very expensive method which

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Vacuum degassing of tin bronzes

has the disadvantage that other volatile compounds (Pb, Zn) are also evaporated. Vacuum degassing of melted metals outside of melting furnaces is less expensive and is commonly used in steel production and for degassing of Al alloys and bronzes. The laboratory tests, described in the following, were made with a most simple and inexpensive vacuum equipment, which consists of a steel vessel (335 mm in diameter, 800 mm high) with a removable lid, which holds the pot with the melted sample, and can be evacuated by 2 "LP 120" rotary oil pumps with a total suction output of 240 m^3/hr, producing an average vacuum of 10^{-2} mm Hg. Installed into the piping is a filter with oil-soaked steel chips. The bronze samples were placed in a graphite pot, holding 30 kg, and were melted in a 40 kw furnace. After melting, the pot was placed into the vacuum container, the lid was closed, and the pump started. A total of 28 test charges of Cu-Sn bronze with a content of 10% Sn were prepared in 3 series, according to varying additions of deoxydizing Cu-P prealloy. The composition of the tested bronzes did not change substantially by vacuum degassing. Specific weights of degassed samples were always higher than those of not degassed samples and depend on the amount of residual P. A positive influence on the amount of gas removal is exerted by increasing the degassing time, by lower final pressures, lower temperatures of the melt, lower initial content of gases, and lower

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Vacuum degassing of tin bronzes

contents of P in the melt. Vacuum degassing is generally improving the mechanical qualities of the bronze; however, the negative influence of the P content is dominating. In test series III, where the P content of degassed samples was increased, mechanical properties are inferior to those of non-degassed samples. Vacuum degassed samples were generally more corrosion resisting than non-degassed ones (with the exception of 3 samples tested at 700°C). Based on these tests, a larger station was constructed for vacuum degassing of up to 500 kg Cu alloy in a graphite pot. The station is equipped with 2 rotary oil pumps with a total output of 1,100 m^3/hr. The vacuum chamber is 1,260 mm in diameter and 1,200 mm high. There are 15 figures, 4 tables and 3 references: 1 Soviet-bloc and 2 non-Soviet-bloc.

ASSOCIATION: VŽKG Ostrava

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HAVLICEK, Frantisek; SAIP, Jiri; GAJDUSEK, Josef

Removal of caked metal from steel castings. Slevarenstvi 10 no.11: 459-462 N '62.

1. Vitkovicke zelezarny Klementa Gottwalda, Ostrava - Vitkovice.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIP, JIRI; SMRHA, Lubomir; KOSNOVSKY, Zdenek

Exothermic risers of steel castings. Slevarenstvi 11 no.7: 266-272 Jl '63.

1. Vitkovicke zelezarny Klementa Gottwalda, Ostrava - Vitkovice.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAIP, Jiri; JELINEK, Petr; HAVLICEK, Frantisek

Solution of the service life prolongation of chrome-magnesite molding mixtures. Slevarenstvi 11 no.10: 419-424 O '63.

1. Vitkovicke zelezarny Klementa Gottwalda, Ostrava (for Saip and Jelinek).
2. Vysoka skola banska, Ostrava (for Havlicek).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

KHAYMOVSKIY, D.I., starshiy nauchnyy sotrudnik; SAIPOV, S.L.; SMOLENSKAYA, L.K., vrach; RABINOVICH, Ye.A., vrach

Ecmonovocillin for treating syphilis in outpatients. Vest.ven. i derm. 30 no.4:59 Jl-Ag '56. (MLRA 9:10)

1. Iz Uzbekistanskogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta.
(SYPHILIS) (ANTIBIOTICS) (NOVOCAINE)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

LEVCHENKO, O.G., assistent; SAIPOV, S.Sh.

Pathology of the organ of vision in experimental syphilis in rabbits. Med.zhur.Uzb. no.8:45-49 Ag '62. (MIRA 16:4)

1. Iz kafedry glaznykh bolezney (zav. - dotsent T.Ya.Kasymov) i kafedry kozhno-venericheskikh bolezney (zav. - prof. A.A.Akopyan) - Tashkentskogo gosudarstvennogo meditsinskogo instituta i Uzbekskogo gosudarstvennogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (direktor - V.M.Matveyev).
(EYE—SYPHILIS)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAITBAYEVA, T.R.

KHAIMOVSKIY, D.I.; SAITBAYEVA, T.R.

Reinforced therapy of syphilis with novarsan. Vest.vener. no.2: 20-21 Mr-Ap '50. (CLML 19:3)

1. Of Uzbekistan Skin-Venereological Institute (Director -- Docent V.N.Matveyev).

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

KUPERMAN, P.I.; GRYAZNOV, N.S.; MOCHALOV, V.V.; FROLOV, V.V.; MUSTAFIN, F.A.; PUSHKASH, I.I.; SLAVGORODSKIY, M.V.; LAZAREV, B.L.; BORISOV, V.I.; Prinimali uchastiye: CHERKASOV, N.Kh.; ZABRODSKIY, M.P.; RYTCHENKO, A.I.; RUTKOVSKAYA, Ye.N.; SAITBURGANOVA, N.I.; SHTAGER, A.A.; SHISHLOVA, T.I.; BUDOL', Z.P.; MEN'SHIKOVA, R.I.; GORELOV, L.A.; AGARKOVA, M.M.; KOUROV, V.Ya.; KOGAN, L.A.; BEZDVERNYY, G.N.; POKROVSKIY, B.I.

Effect of the lengthening of the coking time on the coke quality and testing of coke in the blast furnace process. Koks i khim. no.9: 23-28 '63. (MIRA 16:9)

1. Vostochnyy uglekhimicheskiy institut (for Kuperman, Gryaznov, Mochalov, Kogan, Bezdvernyy, Pokrovskiy). 2. Ural'skiy institut chernykh metallov (for Frolov). 3. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Mustafin, Pushkash, Slavgorodskiy, Lazarev, Cherkasov, Zabrodskiy, Rytchenko, Rutkovskaya, Saitburganova, Shtager, Shishlova, Budol', Men'shikova). 4. Koksokhimstantsiya (for Borisov, Gorelov, Agarkova, Kourov).
(Coke—Testing)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

ZURABYAN, K.M., kand. tekhn. nauk; SAITGALEYEV, N.Sh., inzh.

Use of the stearates of polyvalent metals as thickeners for dubbing mixtures. Kozh. obuv. prom. 6 no.6:23-26 Je '64.
(MIRA 17:9)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAITGAREYEV, F.Sh.; TELYASHEV, G.G.; SHAYMARDANOV, N.M.; SALOV, V.S.; KIREYEV, A.G.

Intensifying the operations of industrial furnaces. Trudy BashNII NP no.6:226-240 '63. (MIRA 17:5)

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

KLYACHKO, V.R.; SAITGALEYEVA, M.Sh.

Study of the content of lipoproteins and glycoproteins in the blood in patients with myxedema treated with triiodothyronine. Probl. endok. i gorm. 11 no.5:8-14 S-O '65.

(MIRA 19:1)

1. Kafedra endokrinologii (zav. - prof. Ye.A. Vasyukova) TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva. Submitted June 10, 1964.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAITKULOV, M.

84-9-47/47

AUTHOR: Saitkulov, M., Aircraft Commander

TITLE: Mud at Moorings (Gryaz' u yakornykh stoyanok)

PERIODICAL: Grazhdanskaya Aviatsiya, 1957, Nr 9, p. 40 (USSR)

ABSTRACT: The article criticizes the conditions at the Kol'tsovo Airport: the ground around moorings is always muddy. Otherwise the airport has a good airport building, a concrete-covered landing strip and good taxi strips.

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DROBININ, A.F.; SAITOV, G.S.; TURETSKIY, Ya.Sh., inzh., retsenzent; KARNEYEV, V.A., inzh., red.; MAKAROVA, L.A., tekhn. red.

[Operator of turret lathes] Tokar' revol'vershchik. Moskva, Mashgiz, 1963. 166 p. (MIRA 17:2)

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

L 12922-66 EWT(m) IJP(c)

ACC NR: AP6000952 SOURCE CODE: UR/0286/65/000/022/0039/0039

AUTHORS: Galanin, M. D.; Gorbunkov, V. M.; Delone, N. B.; Korobkin, V. V.; Leontovich, A. M.; Saitov, I. S.

ORG: none

TITLE: A method for illuminating particle tracks in chambers for the visual observation of tracks. Class 21, No. 176332

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 39

TOPIC TAGS: laser, particle track, coherent light

ABSTRACT: This Author Certificate presents a method for illuminating the particle tracks in chambers for visual observation of tracks by pulsed light radiation. To increase the accuracy of the physical experiment, an optical quantum generator (laser) with confocal resonators is used for illuminating.

SUB CODE: 14/ SUBM DATE: 18Jun64

Card 1/1 HW UDC: 621.375.8:539.1.073.8

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAITOV, I. S

56-4-37/54

AUTHORS: Grishin, V.G., Saitov, I.S.

TITLE: On the Diffractional Scattering of High-Energy Protons on Protons. (O diffraktsionnom rasseyanii protonov bol'shykh energiy na protonakh) (Letter to the Editor)

PERIODICAL: Zhurnal Eksperim. i Teoret.Fiziki, 1957, Vol. 33, Nr 4, pp.1051-1053 (USSR)

ABSTRACT: The p-p scattering was theoretically investigated. In this connection the following assumptions were made: 1) The dependence of the nuclear forces on the spin may be neglected in the case of high energies. 2) The imaginary part of the scattering amplitude is considerably greater than the real part. It was possible to calculate the effective cross sections σ_t, σ_e, σ_i for high proton energies.

E_p in the Lab.S BeV	R x 10^{-14}cm	σ_t in mb	σ_e in mb	σ_i in mb
2,24	6,6 ± 0,8	44,1 ± 3,7	17,9 ± 5,1	26,2 ± 6,4
4,4o	6,9 ± 0,3	33,9 ± 1,8	9,7 ± 1,5	24,2 ± 2,7
6,15	7,2 ± 0,3	31,3 ± 1,5	7,5 ± 1,5	23,8 ± 1,8
8	7,45	3o,o	6,4	23,5
1o	7,75	28,5	5,4	23,1

The calculated values can very well be used as orientation values.

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On the Diffractional Scattering of High-Energy Protons on Protons. 56-4-37/54

There are 1 table and 1 Slavic reference.

ASSOCIATION: United Nuclear Research Institute (Ob"yedinennyy institut yadernykh issledovaniy)

SUBMITTED: June 28, 1957

AVAILABLE: Library of Congress.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SOV/56-34-5-24/61

AUTHORS: Grishin, V. G., Saitov, I. M., Chuvilo, I. V.

TITLE: The Use of the Optical Model for the Analysis of π-p- and p-p-Scattering at High Energies (Primeneniye opticheskoy modeli dlya analiza π-p- i p-p-rasseyaniya pri bol'shikh energiyakh)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol. 34, Nr 5, pp. 1221-1229 (USSR)

ABSTRACT: The authors analyse the π-p and p-p scattering at energies above 1 BeV in the laboratory system on the basis of a nucleon model according to which the nucleon is considered as an optically homogeneous sphere with sharp boundaries and with a complex refraction index. It is assumed that the incoherent elastic scattering may be neglected. The available experimental data that concern the cross sections of scattering for high energies (including the total cross sections σ_t, the cross sections σ_e and σ_i of the elastic and inelastic cross section of p-p and π-p interactions) are compiled in a table. The parameters of the optical nucleon model which are to be determined from the experimental data, are the radius

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The Use of the Optical Model for the Analysis of π-p- and p-p-Scattering at High Energies

K of the homogeneous sphere and their optical characteristics K and k_1. K denotes the absorption coefficient of the medium and k_1 - the change of the real part of the wave vector of the neutron. The available experimental data on π-p and p-p scattering in the BeV energy range can be satisfactorily described by the optical nucleon model if the range of interaction is represented as a homogeneous sphere with sharp boundaries and with a complex refraction index. It is very probable that the radius R of this sphere has the value $R = (1,08 \pm 0,07) \cdot 10^{-13}$ cm which is independent of the type of the interacting particles and also of the energy of these particles. The values of the absorption coefficient K and the contributions of the real part of the scattering amplitude for 3 values of E are compiled. If the energy increases, the contribution of the real part of the scattering amplitude to the cross section of the elastic interaction is diminished. k_1 therefore, diminishes and approaches the limit value zero. In this case the homogeneous sphere became a totally absorbing sphere. For pion energies of 1,37 BeV and protonenergies above BeV the contribution from the real part of the scatter-

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The Use of the Optical Model for the Analysis of π-p- and p-p-Scattering at High Energies

ing amplitude is small and for the higher energies the scattering can be analysed on the basis of the general scattering theory (without taking into account the spin characteristics of the interaction) or else on the basis of a purely absorbing sphere. At high energies of the colliding particles the total cross sections of the elastic and inelastic interactions of pions and nucleons have equal values. At last the authors thank L. A. Isayeva and L. A. Shustrova who carried out some numerical computations for this paper. There are 3 figures, 4 tables, and 15 references, 4 of which are Soviet.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (United Institute of Nuclear Research)

SUBMITTED: December 6, 1957

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SOV/56-34-5-24/61

The Use of the Optical Model for the Analysis of n-p- and p-p-Scattering at High Energies

1. Model nuclei--Applications 2. Particles--Scattering
3. Particles--Energy factors 4. Mathematics--Appliactions

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Saivicki

POLAND/Nuclear Physics - Nuclear Reaction C-5

Abs Jour : Ref Zhur - Fizika, No 1, 1958, 517

Author : Saivicki, J.

Inst : University of Warsaw, Poland.

Title : Polarization of Nucleons From the Disintegration of the Deuteron in the Electromagnetic Field of a Nucleus.

Orig Pub : Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 3, 283-289, XXIV

Abstract : The author calculates the polarization of the nucleons that are formed upon disintegration of the deuteron in the electromagnetic field of the nucleus under the assumption that central forces of "zero" radius of action are acting in the deuteron.

The polarization is a result of the interference between the magnetic and electric transitions. The

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POLAND/Nuclear Physics - Nuclear Reaction C-5

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Abs Jour : Ref Zhur - Fizika, No 1, 1958, 517

The calculations are made in the Born approximation, i.e., in the case when $Ze^2/\hbar v_0 \ll 1$.

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S/TN

COUNTRY : Czechoslovakia B-13
CATEGORY :

ABS. JOUR. : RZKhim., No. 16 1959, No. 57949

AUTHOR : Kubanek, M. and Saj, K.
INST. : Not given
TITLE : The First Semiautomatic Line for the Production of Slag Pumice in Czechoslovakia

ORIG. PUB. : Pozemni Stavby, 7, No 2, 81-82 (1959)

ABSTRACT : The technological process is described. See also RZhKhim, 1958, No 13, 44141.

CARD: 1/1

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Z/014/63/000/003/002/003
E192/E382

AUTHORS: Moder, Antonín and Sajal, Pavel, Engineers

TITLE: Frequency standard, type OTP

PERIODICAL: Sdělovací technika, no. 3, 1963, 93 - 94

TEXT: The instrument consists of the following constructional units: an oscillator operating at 100 kc/s; a thermal-control system; a frequency-divider; buffer stages for frequencies of 100 kc/s, 20 kc/s, 5 kc/s and 1 kc/s and a stabilized DC supply source. The oscillator is based on a piezoelectric crystal unit of GT cut, which operates as a series resonant circuit. The crystal unit is sealed in an evacuated glass envelope provided with an octal base. The active element of the oscillator is a Czechoslovak transistor, type 156NU70. The oscillator is situated in a thermostat together with an amplifying stage inductively coupled to the oscillator. The supply for the oscillator is provided by a mercury battery, type MR 19, also situated in the thermostat. When it is necessary to change the battery the oscillator is connected to a stabilizer with a zener diode fed from a 9 V DC supply. The thermal-control system maintains the temperature of

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Frequency standard, type OTP

the thermostat at 40 °C ± 0.1 °C. The sensor element of the thermostat is a capillary mercury contact thermometer which controls a transistor amplifying stage whose collector operates a relay used for switching the heating current. The buffer stages are provided to eliminate the unstabilizing effect on the oscillator and the dividers of the load connected to the output terminals. The instrument is supplied from a stabilized 9 V DC source, whose input of 12 V DC is derived either from a battery or a mains-driven rectifier circuit. The instability of this source is less than 1% for mains-voltage changes of -15 to +10%. There are 7 figures.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJBER, Istvan

Determination of economic efficiency by the difference method.
Villamossag 11 no.2:33-36 F '63.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJBER, Istvan

Economic analysis of technical measures taken in the electric machine industry on the ground of the 1962 survey. Villamossag 12 no. 3:65-71 Mr '64.

1. Secretariat of Automation, Ministry of Metallurgy and Machine Industry.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, I.

"Significance of the First National Conference of Steel Industry Managers." p. 281. (Hitnicke Listy Vol. 8, no. 6, June 1953)

SO: Monthly List of East European Accession, Vol. 3, No. 2, Library of Congress, Feb. 1954, Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH , L.

"Practices of Soviet metallurgists help increase productivity of our blast furnaces." Hutnicke Listy, Brno, Vol 9, No 5, May 1954, p. 291

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

Evaluation of the Performance of Coking Plants and Blast-Furnaces in the First Czechoslovak Five-Year Plan. L. Šajch and F. Váňa. (*Hutnické Listy*, 1954, 9, (6), 321–327). [In Czech]. A comparison is made of the annual productions and corresponding qualities and yields of coke over the period 1949–53. Histograms for pig-iron production, blast-furnace charge analyses, and changes in operating conditions in the blast-furnaces of four major steelmaking plants over the same period are given. On the basis of the analyses proposals for improvements in the production of coke and iron are advanced.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

Applying new faster technological methods in the metallurgic industry; experiences acquired at the All-Union Congress of Industrial Workers in Moscow. p. 385. HUTNICKE LISTY. Brno. Vol. 10, no. 7, July 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 3, March 1956.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

SAJCH, L. Significance of industrial television and possibilities of its use is the metallurgic industry. p. 358

Vol 6, No. 12 Dec. 1956
HUTNIK
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol 6, No. 3, March 1957

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

SAJCH, L. Some technological problems of continuous steel casting. p. 705.

Vol. 11, no. 12, Dec. 1956
HUTNICKE LISTY
TECHNOLOGY
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

Assuring higher efficiency in metallurgic production during 1957. p. 149.
(Hutnik, Vol. 7, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

Main tasks of industrial enterprises under the Ministry of the Metallurgic Industry and Ore Mines proclaimed by the new Minister, Vaclav,Cerny.

p. 289 (HUTNIK) Vol. 7, no. 9, Sept. 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3, March 1958

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

The Soviet Union; our model in the development of the metallurgic industry.

P. 327 (Hutnik, vol. 7, no. 10, Oct. 1957), (Praha, Cezechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

Foremost tasks in the development of our metallurgy.

P. 1. (HUTNICKE LISTY.) (Brno, Czechoslavakia) Vol. 13, No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, May 1958

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9"

"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L.

"Report on a meeting of experts of the steel and iron industries in Geneva, February 1959."

HUTNICKE LISTY, Brno, Czechoslovakia, Vol. 14, No. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, L., inz.

Improving the quality of steel and production of new varieties of quality steel the basic task of the Czechoslovak metallurgic industry. Hut listy 18 no.8:533-534 Ag '63.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, Ladislav, inz.

Main tasks of the development and research in the metallurgical industry in 1965. Hut listy 20 no.1:1-3 Ja '65.

1. State Commission for Coordination and Development of Science and Technology, Prague.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJCH, W.

"A New Steel Mill named after Klement Gottwald as Proof of the Technical Progress of Metallurgy in Czechoslovakia", p. 444, (PRZEGLAD TECHNICZNY, Vol. 75, No. 12, Dec. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

SAJDL, Frantisek, inz.

New passenger car Skoda. Automobil Cz 8 no.5:4-26 My '64.

1. Chief designer, Automobilove zavody National Enterprise, Mlada Boleslav.

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

S/044/62/000/006/031/127
B158/B112

AUTHOR: Sajda, J.

TITLE: Certain properties of iterated kernels of Fredholm integral equations

PERIODICAL: Referativnyy zhurnal. Matematika, no. 6, 1962, 74, abstract 6B312 (Acta Fac. rerum natur. Univ. Comenianae. Math., v. 5, nos. 8 - 10, 1961, 483 - 501)

TEXT: The following properties the author terms the basic properties of a kernel $K(x, t)$ quadratically integrable on $[a, b]\times[a, b]$: for any quadratically integrable functions $f_1(x)$ and $f_2(x)$ (1) integrals $\int_a^b K(x, t)\, f_1(t)dt$ and $\int_a^b K(x, t)\, f_2(x)dx$ exist and are quadratically integrable; (2) reiterated integrals $\int_a^b\left[\int_a^b K(x,t)f_1(t)\, dt\right]dx$,

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Certain properties ...

$\int_a^b \left\{ \int_a^b K(x, t) f_2(x) dx \right\} dt$ exist and are equal among themselves. Integration is understood in the Riemann sense. The author shows that all interations of the kernel K(x, t) have the properties (1) and (2). Moreover, a set of properties of the kernel K(x, t) is proved under the supplementary condition $\| K \| = \left\{ \int_a^b \int_a^b | K(x, t) |^2 dxdt \right\}^{1/2} < 1$. Basically, these are properties connected with the convergence of sequences of the form $\int_a^b K_n(x, t) f(t) dt$. Let us formulate certain of these assumptions.

Theorem 4. Let the kernel K(x, t) be bounded and satisfy conditions (1) and (2) and $\| K \| < 1$. Then the sequence of kernels $K_n(x, t)$ tends uniformly to zero on $[a, b]$. Theorem 5. When the kernel K(x, t) possesses the basic properties and if the quadratically integrable function f(x) is such

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Certain properties ...

that the sequence $L_n(x) = \int_a^b K_n(x, t)f(t)dt$ converges uniformly toward the function $L(x) \not\equiv 0$, then $L(x)$ is an eigenfunction of the kernel $K(x,t)$ belonging to the eigenvalue $\lambda = 1$. [Abstracter's note: The majority of the assumptions proved in the article are well known for kernels continuous and quadratically integrable.] [Abstracter's note: Complete translation.]

Card 3/3

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"APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446730007-9

FINK, Z.; SAJDA, M.; technicka spoluprace TRILETA, V.

Reactions produced by the effect of organophosphates on some interoceptive systems. Cas. lek. cesk. 102 no.7:179-182 15 F '63.

1. Vojensky lekarsky vyzkumny a doskolovaci ustav J.Ev. Purkyne v Hradci Kralove.

(PHOSPHORUS POISONS, ORGANIC) (ACETYLCHOLINE)
(BLOOD PRESSURE) (SHOCK)

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